	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	1	6002823.pn.	USPAT; US-PGPUB	2004/06/16 12:38
2	BRS	L2	1	1 and ((index refract$4) same (polym$6 material$1 compoun$3 device$1) same waveguide$1)	USPAT; US-PGPUB	2004/06/16 12:42
3	BRS	L3	24	((split$4 near9 input$4 near7 coupler$1) and (coupler$1 same (mzi interferomet$4 zehnder)) same (detector$1 photodiod$1)) and (communica$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/16 14:09

	Comments	Error Definition	Errors
1			0
2			0
3			0

	Type	Hits	Search Text
1	BRS	1	'09/993,823' and (material$2 index refract$4)
2	BRS	1	'09/993,823' and ((index refract$4) with (polym$4 near8 strip$5))
3	BRS	1	'09/993,823' and ((index refract$4) with polym$4 with strip$5)
4	BRS	27857	385/$.ccls.
5	BRS	398	385/40.ccls.
6	BRS	1	'09/993,823' and (polymer same coupl$4)
7	BRS	8	strip$4 adj1 load$3 adj1 optic$3 adj1 ((wave near1 guide$1) waveguide$1)
8	BRS	3	strip$4 adj1 load$3 adj1 optic$3 adj1 ((wave near1 guide$1) waveguide$1)
9	BRS	23	strip$4 adj1 load$3 near3 optic$3 near3 ((wave near1 guid$3) waveguide$1)
10	BRS	15	(strip$4 adj1 load$3 near3 optic$3 near3 ((wave near1 guid$3) waveguide$1)) not (strip$4 adj1 load$3 adj1 optic$3 adj1 ((wave near1 guide$1) waveguide$1))
11	BRS	23	(strip$4 adj1 load$3 near3 optic$3 near3 ((wave near1 guid$3) waveguide$1)) and (clad$4 polymer$4 core$1 guid$3 plastic$3 $6polymer) and strip$1 and (refract$4 (index indice$1))
12	BRS	1336	strip$1 near2 ((wave near1 guid$3) waveguide$1)
13	BRS	7924	((wave near1 guid$3) waveguide$1) near7 (refract$4 near3 (index indice$1))
14	BRS	3704	((wave near1 guid$3) waveguide$1) near7 (material clad$4 polymer$4) near9 (refract$4 near1 (index indice$1))
15	BRS	22218	((mach adj1 zehnder) interferomet$3 mzi)
16	BRS	755	((wave near1 guid$3) waveguide$1) near7 (material clad$4 polymer$4) near9 (refract$4 near1 (index indice$1)) same (control$3 electrod$3 volt$3 (electri$3 adj3 current$1))
17	BRS	81	(strip$1 near2 ((wave near1 guid$3) waveguide$1)) and (((wave near1 guid$3) waveguide$1) near7 (material clad$4 polymer$4) near9 (refract$4 near1 (index indice$1)) same (control$3 electrod$3 volt$3 (electri$3 adj3 current$1)))
18	BRS	30	(((mach adj1 zehnder) interferomet$3 mzi)) and ((strip$1 near2 ((wave near1 guid$3) waveguide$1)) and (((wave near1 guid$3) waveguide$1) near7 (material clad$4 polymer$4) near9 (refract$4 near1 (index indice$1)) same (control$3 electrod$3 volt$3 (electri$3 adj3 current$1))))

	DBs	Time Stamp	Comments	Error Definition
1	USPAT; US-PGPUB	2004/06/15 17:22		
2	USPAT; US-PGPUB	2003/12/23 18:15		
3	USPAT; US-PGPUB	2004/06/16 12:39		
4	USPAT; US-PGPUB	2003/12/23 18:47		
5	USPAT; US-PGPUB	2003/12/23 18:53		
6	USPAT; US-PGPUB	2003/12/23 18:55		
7	USPAT; US-PGPUB	2003/12/24 15:13		
8	EPO; JPO; DERWENT	2003/12/24 15:05		
9	USPAT; US-PGPUB	2003/12/24 16:11		
10	USPAT; US-PGPUB	2003/12/24 15:14		
11	USPAT; US-PGPUB	2003/12/24 15:20		
12	USPAT; US-PGPUB	2003/12/24 16:30		
13	USPAT; US-PGPUB	2003/12/24 16:17		
14	USPAT; US-PGPUB	2003/12/24 16:29		
15	USPAT; US-PGPUB	2003/12/24 16:22		
16	USPAT; US-PGPUB	2003/12/24 18:24		
17	USPAT; US-PGPUB	2003/12/24 16:30		
18	USPAT; US-PGPUB	2003/12/24 18:17		

	Errors
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0

	Type	Hits	Search Text
19	BRS	24	("6597721" "6580850" "6532326" "6393186" "6393185" "6373872" "6350413" "6324204" "6321011" "6243517" "6215918" "6181456" "6167169" "6002823" "5970186" "5838870" "5745630" "5586206" "5329601" "5177758" "5119393" "4832430" "4756588" "4607370").pn.
20	BRS	24	((("6597721" "6580850" "6532326" "6393186" "6393185" "6373872" "6350413" "6324204" "6321011" "6243517" "6215918" "6181456" "6167169" "6002823" "5970186" "5838870" "5745630" "5586206" "5329601" "5177758" "5119393" "4832430" "4756588" "4607370").pn.) and (((wave near1 guid$3) waveguide$1) near7 (material clad$4 polymer$4) near9 (refract$4 near1 (index indice$1)) same (control$3 electrod$3 volt$3 (electri$3 adj3 current$1))) and strip$4

	DBs	Time Stamp	Comments	Error Definition
19	USPAT; US-PGPUB	2003/12/24 16:34		
20	USPAT; US-PGPUB	2003/12/24 18:17		

	Errors
19	0
20	0

	Type	Hits	Search Text
21	BRS	10	("6324204" "6002823" "5970186" "5329601" "4832430" "6373872" "6324204" "6002823" "5970186" "5329601" "4832430" "5991490" "5459807" "5329601" "5119450" "4832430" "4360246" "5991490" "5459807" "4360246").pn.
22	BRS	7	(("6324204" "6002823" "5970186" "5329601" "4832430" "6373872" "6324204" "6002823" "5970186" "5329601" "4832430" "5991490" "5459807" "5329601" "5119450" "4832430" "4360246" "5991490" "5459807" "4360246").pn.) and ((wave near1 guid$3) waveguide$1) same (material clad$4 polymer$4) near9 (refract$4 near1 (index indice$1)) same (control$3 electrod$3 volt$3 (electri$3 adj3 current$1)) and (strip$ near12 (waveguide$1 (wave near1 guid$3)))

	DBs	Time Stamp	Comments	Error Definition
21	USPAT; US-PGPUB	2003/12/31 12:57		
22	USPAT; US-PGPUB	2003/12/31 12:55		

	Errors
21	0
22	0

	Type	Hits	Search Text
23	BRS	7	(("6324204" "6002823" "5970186" "5329601" "4832430" "6373872" "6324204" "6002823" "5970186" "5329601" "4832430" "5991490" "5459807" "5329601" "5119450" "4832430" "4360246" "5991490" "5459807" "4360246").pn.) and ((wave near1 guid$3) waveguide$1 high$4 low$4) same (material clad$4 polymer$4) near9 (refract$4 near1 (index indice$1)) same (control$3 electrod$3 volt$3 (electri$3 adj3 current$1)) and (strip$ near12 (waveguide$1 (wave near1 guid$3)))
24	BRS	7	(("6324204" "6002823" "5970186" "5329601" "4832430" "6373872" "6324204" "6002823" "5970186" "5329601" "4832430" "5991490" "5459807" "5329601" "5119450" "4832430" "4360246" "5991490" "5459807" "4360246").pn.) and ((wave near1 guid$3) waveguide$1) same (material clad$4 polymer$4) near9 (refract$4 near1 (index indice$1)) same (control$3 electrod$3 volt$3 (electri$3 adj3 current$1)) and (strip$ near12 (waveguide$1 guid$3))
25	BRS	10	("6373872" "6324204" "6002823" "5991490" "5970186" "5459807" "5329601" "5119450" "4832430" "4360246").pn.

	DBs	Time Stamp	Comments	Error Definition
23	USPAT; US-PGPUB	2003/12/24 18:36		
24	USPAT; US-PGPUB	2003/12/24 18:34		
25	USPAT; US-PGPUB	2003/12/24 18:35		

	Errors
23	0
24	0
25	0

	Type	Hits	Search Text
26	BRS	7	(("6373872" "6324204" "6002823" "5991490" "5970186" "5459807" "5329601" "5119450" "4832430" "4360246").pn.) and ((wave near1 guid$3) waveguide$1) same (material clad$4 polymer$4) near9 (refract$4 near1 (index indice$1)) same (control$3 electrod$3 volt$3 (electri$3 adj3 current$1))
27	BRS	5	((("6373872" "6324204" "6002823" "5991490" "5970186" "5459807" "5329601" "5119450" "4832430" "4360246").pn.) and ((wave near1 guid$3) waveguide$1) same (material clad$4 polymer$4) near9 (refract$4 near1 (index indice$1)) same (control$3 electrod$3 volt$3 (electri$3 adj3 current$1))) and ((wave near1 guid$3) waveguide$1 core$1) with (material clad$4 polymer$4) with coupl$4
28	BRS	1	5329601.pn. and (material$1 polymer$1 clad$4) same (refract$4 index indice$1) and absor$6
29	BRS	1	5970186.pn. and (material$1 polymer$1 clad$4) same (refract$4 index indice$1) same (high$4 low$3 increas$4 less more)
30	BRS	1	5970186.pn. and (material$1 polymer$1 clad$4) same ((refract$4 index indice$1) near9 (high$4 low$3 less more))
31	BRS	1	5970186.pn. and (material$1 polymer$1 clad$4) near9 ((refract$4 index indice$1) near9 (high$4 low$3 less more))
32	BRS	1	6324204.pn. and (material$1 polymer$1 clad$4) near9 ((refract$4 index indice$1) near9 (high$4 low$3 less more))
33	BRS	1	6002823.pn. and (silic$6)
34	BRS	1	6002823.pn. and (waveguide$1 same silic$6)
35	BRS	0	6002823.pn. and (taper$4)
36	BRS	0	6002823.pn. and (trim$5)
37	BRS	1	6002823.pn. and (polymer$4 near9 clad$5)
38	BRS	1	'09/993,823'
39	BRS	1	'09/993,823' and (split$4 same waveguid$4)
40	BRS	29	(((walk adj1 off) walkoff) near7 split$4) same (half near3 (plate$1 waveplate))
41	BRS	2	(((walk adj1 off) walkoff) near7 split$4) same (half near3 (plate$1 waveplate)) and (MZI interferom$4 machzhnder (mach near1 zehner))
42	BRS	1	(((walk adj1 off) walkoff) near7 split$4) same (MZI interferom$4 machzhnder (mach near1 zehner)) and (half near3 (plate$1 waveplate))

	DBs	Time Stamp	Comments	Error Definition
26	USPAT; US-PGPUB	2003/12/24 18:57		
27	USPAT; US-PGPUB	2003/12/29 14:33		
28	USPAT; US-PGPUB	2003/12/29 16:40		
29	USPAT; US-PGPUB	2003/12/29 16:45		
30	USPAT; US-PGPUB	2003/12/29 16:47		
31	USPAT; US-PGPUB	2003/12/29 16:49		
32	USPAT; US-PGPUB	2003/12/29 17:27		
33	USPAT; US-PGPUB	2003/12/29 17:28		
34	USPAT; US-PGPUB	2003/12/29 17:34		
35	USPAT; US-PGPUB	2003/12/29 17:34		
36	USPAT; US-PGPUB	2003/12/29 17:39		
37	USPAT; US-PGPUB	2003/12/29 17:39		
38	USPAT; US-PGPUB	2003/12/29 19:09		
39	USPAT; US-PGPUB	2003/12/29 19:19		
40	USPAT; US-PGPUB	2003/12/29 19:23		
41	USPAT	2003/12/29 19:25		
42	USPAT	2003/12/29 19:27		

	Errors
26	0
27	0
28	0
29	0
30	0
31	0
32	0
33	0
34	0
35	0
36	0
37	0
38	0
39	0
40	0
41	0
42	0

	Type	Hits	Search Text
43	BRS	0	(((walk adj1 off) walkoff) near7 split$4 near9 input$4) same (MZI interferom$4 machzhnder (mach near1 zehner))
44	BRS	1	(((walk adj1 off) walkoff) near7 split$4 same input$4) same (MZI interferom$4 machzhnder (mach near1 zehner))
45	BRS	1	(((walk adj1 off) walkoff) near7 split$4 near9 input$4) same coup$4 and (MZI interferom$4 machzhnder (mach near1 zehner))
46	BRS	1	'09/993,823'
47	BRS	1	'09/993,823' and (field$2 same waveguides same parall$4)
48	BRS	1	'09/993,823' and (transm$6 transceiv$4 communica$5 receiv$4 output$4 detect$4)
49	BRS	1	6002823.pn.
50	BRS	1	('09/993,823' and (transm$6 transceiv$4 communica$5 receiv$4 output$4 detect$4)) and (transm$6 transceiv$4 communica$5 receiv$4 output$4 detect$4)
51	BRS	1	6002823.pn. and (transm$6 transceiv$4 communica$5 receiv$4 output$4 detect$4)
52	BRS	11	(split$4 near9 input$4 near7 coupler$1) same (mzi interferomet$4 zehnder) same (detector$1 photodiod$1)
53	BRS	50	(split$4 near9 input$4 near7 coupler$1) and (coupler$1 same (mzi interferomet$4 zehnder)) same (detector$1 photodiod$1)
54	BRS	2	((split$4 near9 input$4 near7 coupler$1) and (coupler$1 same (mzi interferomet$4 zehnder)) same (detector$1 photodiod$1)) and (transm$4 same receiver$4 same communica$4)
55	BRS	19	((split$4 near9 input$4 near7 coupler$1) and (coupler$1 same (mzi interferomet$4 zehnder)) same (detector$1 photodiod$1)) and (communica$4)
56	BRS	1	6002823.pn. and (input$4 same output$4)
57	BRS	0	4832430.pn. and taper$4
58	BRS	1	4832430.pn.
59	BRS	1	6324204.pn.
60	BRS	10	("6324204" "6002823" "5970186" "5329601" "4832430" "6373872" "6324204" "6002823" "5970186" "5329601" "4832430" "5991490" "5459807" "5329601" "5119450" "4832430" "4360246" "5991490" "5459807" "4360246").pn.

	DBs	Time Stamp	Comments	Error Definition
43	USPAT	2003/12/29 19:28		
44	USPAT	2003/12/29 19:29		
45	USPAT	2003/12/29 19:29		
46	USPAT; US-PGPUB	2003/12/30 12:40		
47	USPAT; US-PGPUB	2003/12/30 12:55		
48	USPAT; US-PGPUB	2003/12/30 13:29		
49	USPAT; US-PGPUB	2004/06/15 18:04		
50	USPAT; US-PGPUB	2003/12/30 13:29		
51	USPAT; US-PGPUB	2003/12/30 13:31		
52	USPAT	2003/12/30 13:40		
53	USPAT	2003/12/30 13:41		
54	USPAT	2003/12/30 13:48		
55	USPAT	2004/06/16 14:09		
56	USPAT; US-PGPUB	2003/12/30 19:30		
57	USPAT; US-PGPUB	2003/12/30 19:31		
58	USPAT; US-PGPUB	2003/12/30 19:31		
59	USPAT; US-PGPUB	2003/12/31 12:55		
60	USPAT; US-PGPUB	2003/12/31 12:57		

	Errors
43	0
44	0
45	0
46	0
47	0
48	0
49	0
50	0
51	0
52	0
53	0
54	0
55	0
56	0
57	0
58	0
59	0
60	0

	Type	Hits	Search Text
61	BRS	6	(("6324204" "6002823" "5970186" "5329601" "4832430" "6373872" "6324204" "6002823" "5970186" "5329601" "4832430" "5991490" "5459807" "5329601" "5119450" "4832430" "4360246" "5991490" "5459807" "4360246").pn.) and (strip near3 load$4 near3 wavegu$4)
62	BRS	1	'09/993,823'
63	BRS	1	6002823.pn.
64	BRS	1	'09/993,823' and (strip$4 load$3)
65	BRS	1	6002823.pn. and (streak$1 bar$1 band$1 ribbon$2 strip$4 load$3 strid$3 parall$4)

	DBs	Time Stamp	Comments	Error Definition
61	USPAT; US-PGPUB	2003/12/31 12:58		
62	USPAT; US-PGPUB	2004/06/15 18:25		
63	USPAT; US-PGPUB	2004/06/16 12:38		
64	USPAT; US-PGPUB	2004/06/15 18:31		
65	USPAT; US-PGPUB	2004/06/15 18:34		

	Errors
61	0
62	0
63	0
64	0
65	0